

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|---|------------------|---------|---------------------|
| L1    | 1416  | shimozono.in.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/02/16<br>05:40 |
| L2    | 12499 | (send\$3 or transmit\$3 or transmission) near3 ((drive or control\$4) near2 (program or code))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/02/16<br>05:41 |
| L3    | 2     | 1 and 2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/02/16<br>05:42 |
| L4    | 23238 | (eliminat\$3 or avoid\$3 or remov\$3 or (("not") near2 (need\$3 or requir\$6 or using or used or use or install\$3 or add\$3 or addition))) near2 (flash or non-volatile or eeprom or rom) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/02/16<br>05:45 |
| L5    | 1     | 1 and 4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/02/16<br>05:46 |
| L6    | 574   | (eliminat\$3 or avoid\$3 or remov\$3 or (("not") near2 (need\$3 or requir\$6 or using or used or use or install\$3 or add\$3 or addition))) near2 (firmware)                               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/02/16<br>05:47 |
| L7    | 72    | (initializ\$6 or reset\$4 or startup or activat\$3) same 6   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2010/02/16<br>05:48 |

|      |        |   |  |    |     |                  |
|------|--------|---|--|----|-----|------------------|
| L8   | 8140   | (processor or microprocessor) near2 (inactive or idl\$3 or dormant or uninitialized or ((activat\$3 or initializ\$5 or reset\$4) near2 (after or afterwards or subsequent \$2 or follow\$3))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/16 06:19 |
| L9   | 943410 | (download\$3 or transmit\$4 or transmission or transfer \$4) near3 (firmware or control or program\$1 or software or code)  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/16 06:20 |
| L10  | 286    | 8 same 9  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2010/02/16 06:20 |
| S247 | 111    | firmware with (data near1 initializ\$6)   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S248 | 3519   | firmware with initializ\$6  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S249 | 569    | firmware with execut\$3 with (ram or dram or nonvolatile)   | USPAT  | OR | OFF | 2009/12/16 22:31 |
| S250 | 287    | (711/102).CCLS.   | USPAT  | OR | OFF | 2009/12/16 22:31 |
| S251 | 2155   | (713/2).CCLS.   | USPAT  | OR | OFF | 2009/12/16 22:31 |
| S252 | 509    | (717/174).CCLS.   | USPAT  | OR | OFF | 2009/12/16 22:31 |
| S253 | 654    | (717/168).CCLS.   | USPAT  | OR | OFF | 2009/12/16 22:31 |
| S254 | 1822   | (711/112).CCLS.   | USPAT  | OR | OFF | 2009/12/16 22:31 |
| S255 | 637    | (711/104).CCLS.   | USPAT  | OR | OFF | 2009/12/16 22:31 |
| S256 | 1636   | (711/103).CCLS.   | USPAT  | OR | OFF | 2009/12/16 22:31 |
| S257 | 6968   | (S250 or S256 or S255 or S254 or S253 or S252 or S251)  | USPAT  | OR | OFF | 2009/12/16 22:31 |

|      |       |   |   |    |     |                     |
|------|-------|---|---|----|-----|---------------------|
| S258 | 70    | S249 and S257   | USPAT   | OR | OFF | 2009/12/16<br>22:31 |
| S259 | 18776 | execut\$3 near2 (ram or dram or volatile)                       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/12/16<br>22:31 |
| S260 | 8180  | (updat\$3 or download\$3)<br>near2 firmware                     | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/12/16<br>22:31 |
| S261 | 63    | S259 same S260  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/12/16<br>22:31 |
| S262 | 11    | S257 and S247   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/12/16<br>22:31 |
| S263 | 2070  | firmware with execut\$3<br>with (ram or dram or volatile)       | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/12/16<br>22:31 |
| S264 | 268   | (updat\$3 or download\$3)<br>same S263                          | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/12/16<br>22:31 |
| S265 | 771   | firmware with execut\$3<br>with (ram or dram or volatile)       | USPAT   | OR | OFF | 2009/12/16<br>22:31 |
| S266 | 118   | S265 and S257   | USPAT   | OR | OFF | 2009/12/16<br>22:31 |
| S267 | 63    | S266 not S258   | USPAT   | OR | OFF | 2009/12/16<br>22:31 |
| S268 | 175   | (S250 or S256 or S255)<br>and (S254 or S253 or S252<br>or S251) | USPAT   | OR | OFF | 2009/12/16<br>22:31 |

|      |      |   |  |    |     |                  |
|------|------|---|--|----|-----|------------------|
| S269 | 623  | ((eliminat\$3 or avoid\$3 or remov\$3) near3 (flash or non-volatile or prom or eprom or eeprom or firmware)) same ((initializ\$6 or configur\$6 or operation or control\$4) near3 (device\$1 or drive\$1 or disk\$1 or disc\$1))                  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S270 | 24   | S257 and S269   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S271 | 5291 | (download\$1 or receiv\$3 or transmit\$4 or transfer \$6) near3 (((initializ\$6 or configur\$6 or operation or control\$4) near2 (firmware or program\$1 or software or routine\$1 or code)) near3 (device\$1 or drive\$1 or disk\$1 or disc\$1)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S272 | 3    | S269 same S271  | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S273 | 293  | (download\$1 or receiv\$3 or transmit\$4 or transfer \$6) near3 (((initializ\$6) near2 (data or firmware or program\$1 or software or routine\$1 or code)) near3 (device\$1 or drive\$1 or disk\$1 or disc\$1))                                   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S274 | 8    | S257 and S273   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S275 | 9    | S269 and S271   | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |

|      |       |   |  |    |     |                  |
|------|-------|---|--|----|-----|------------------|
| S276 | 24    | (download\$1 or receiv\$3 or transmit\$4 or transfer \$6) near3 (((initializ\$6 or configur\$6 or operation or control\$4) near2 (bios)) near3 (device\$1 or drive\$1 or disk\$1 or disc\$1)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S277 | 29    | ((eliminat\$3 or avoid\$3 or remov\$3) near3 (bios)) same ((initializ\$6 or configur\$6 or operation or control\$4) near3 (device\$1 or drive\$1 or disk\$1 or disc \$1))                     | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S278 | 27    | ((remot\$3) near3 (bios)) same ((initializ\$6 or configur\$6 or operation or control\$4) near3 (device\$1 or drive\$1 or disk\$1 or disc \$1))  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S279 | 6     | ((eliminat\$3 or avoid\$3 or remov\$3) near3 (rom)) same ((initializ\$6 or startup or (start adj1 up) or start-up) near3 (device \$1 or drive\$1 or disk\$1 or disc\$1))                      | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 22:31 |
| S280 | 1     | ("5566335").PN.   | USPAT; USOCR   | OR | OFF | 2009/12/16 22:31 |
| S281 | 1404  | shimozono.in.   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 23:31 |
| S282 | 1     | (low adj1 cost adj1 ram)<br>and S281  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 23:32 |
| S283 | 17636 | yaskawa.asn.  | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 23:32 |
| S284 | 25    | S281 and S283   | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/12/16 23:33 |

|      |     |  |                                   |    |     |                     |
|------|-----|--|-----------------------------------|----|-----|---------------------|
| S285 | 183 | shimozono.in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR | OFF | 2009/12/16<br>23:37 |
| S286 | 33  | (shimozono and norio).in.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO | OR | OFF | 2009/12/16<br>23:38 |
| S287 | 3   | (("5535355") or<br>("20030097552") or<br>("20040122989")).PN.            | US-PGPUB;<br>USPAT; USOCR         | OR | OFF | 2009/12/16<br>23:54 |
| S288 | 4   | ((("5535355") or<br>("5566335") or<br>("7490194") or<br>("7043597")).PN. | USPAT; USOCR                      | OR | OFF | 2010/02/15<br>21:56 |

**EAST Search History (Interference)**

&lt;This search history is empty&gt;

**2/ 16/ 2010 7:07:11 AM****C:\ Documents and Settings\ gportka\ My Documents\ EAST\ Workspaces\ 10709735.wsp**